

**PATENT****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE****Applicant(s): SOOD, Ajay Kumar et.al, Atty. Docket:****Title: METHOD FOR MEASUREMENT OF GAS FLOW VELOCITY, METHOD FOR ENERGY CONVERSION USING GAS FLOW OVER SOLID MATERIAL, AND DEVICE THEREFOR.****Priority From: PCT/IN2003/00281 filed 26<sup>th</sup> August 2003; & 86/MAS/2003 filed 03/02/2003****DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION****Each undersigned inventor hereby declare(s) that:**

- **My residence, post office address and citizenship are as stated below next to my name.**
- **I believe that I am, in conjunction with any joint inventor(s) named herein, the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled METHOD FOR MEASUREMENT OF GAS FLOW VELOCITY, METHOD FOR ENERGY CONVERSION USING GAS FLOW OVER SOLID MATERIAL, AND DEVICE THEREFOR, the patent application for which was filed as PCT international application number PCT/IN2003/00281 on 26 August 2003 and which is amended by a preliminary amendment filed with this document.**
- **I reviewed and understand the contents of the above-identified patent application, including the specification and claims, as amended by any amendments referred to above.**
- **I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability, as defined in Section 1.56 of Title 37, U.S. Code of Federal Regulations.**
- **Foreign priority benefits are claimed under Title 35, U.S. Code §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT international application which designated at least one country other than the United States of America, listed below. Also identified below are any foreign applications for patent or inventor's certificate, or any PCT international application having a filing date before that of the application for which priority is claimed.**

<i>Application No.</i>	<i>Country</i>	<i>Day/Month/Year</i>	<i>Priority Claimed</i>
PCT/IN2003/00281	PCT	26 AUG 2003	YES
IN 86/MAS/2003	IN	03 FEB 2003	YES

**I APPOINT** the following registered practitioner(s) to prosecute this application and to transact all related business in the U.S. Patent and Trademark Office: Charles S. Sara (30,492), Joseph T. Leone (37,170), Craig A. Fieschko (39,668) and Ann Rabe (56,697).

Address all telephone calls to: **Charles S. Sara**  
Telephone : (608) 832 - 2100  
Facsimile : (608) 831 - 2106

Address all correspondence to: **Intellectual Property Department**  
**DEWITT ROSS & STEVENS, S.C.**  
Excelsior Financial Centre  
8000 Excelsior Drive, Suite 401  
Madison, WI 53717-1914

**I DECLARE THAT** all statements made herein of my own knowledge are true; all statements made on information and belief are believed to be true; that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 USC §1001; and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

*+ Ajay Kumar Sood*  
\_\_\_\_\_  
Signature

First Joint Inventor: **SOOD, Ajay, Kumar**  
Post Office Address: Indian Institute of Science,  
Bangalore - 560 012,  
Karnataka State,  
India.

*+ July 15, 2005*  
\_\_\_\_\_  
Month Day Year

Citizenship: India

Shankar Ghosh

Signature

Second Joint Inventor: GHOSH, Shankar

Post Office Address: Indian Institute of Science,  
Bangalore - 560 012,  
Karnataka State,  
India.

07 15 2005  
Month Day Year

Citizenship: India

-3-

From. Shankar Ghosh. Attn. Prof. A.K. Saha